

5
CLAIMS

WHAT IS CLAIMED IS:

1. In a printing press having at least one printing unit for printing sheet material directed through the printing press, a dryer for drying printed sheet material, said dryer comprising an excimer heater, said excimer heater including a housing (1) within which a plurality of radiant tubes (2,3) are arranged in parallel relation to each other, and said radiant tubes (2,3) each having a respective adjacent reflector section (4,5) for directing a predetermined radiation distribution on passing printed sheet material.

2. In the printing press of claim 1 in which said excimer heater has two radiant tubes (2,3) arranged in parallel relation to each other in said housing.

3. The printing press of claim 1 in which said reflector sections are part of a common reflector.

4. The printing press of claim 2 in which said reflector sections are part of a common reflector.

5. A dryer for drying printed sheet material in a printing press comprising an excimer radiant heater having a housing with at least two radiant tubes (2,3) arranged in parallel relation to each other, and reflector sections (4,5) each disposed in closely spaced adjacent relation to a respective one of said radiant tubes (2,3) for directing a predetermined radiation distribution on printed sheet material directed through said printing press.

6. The dryer of claim 5 in which said reflector sections are part of a common reflector.

7. The dryer of claim 5 in which said reflector sections have a parabolic shape.

8. The dryer of claim 5 in which said radiant tubes and reflector sections are disposed within an underside of said housing.